

Figure 1

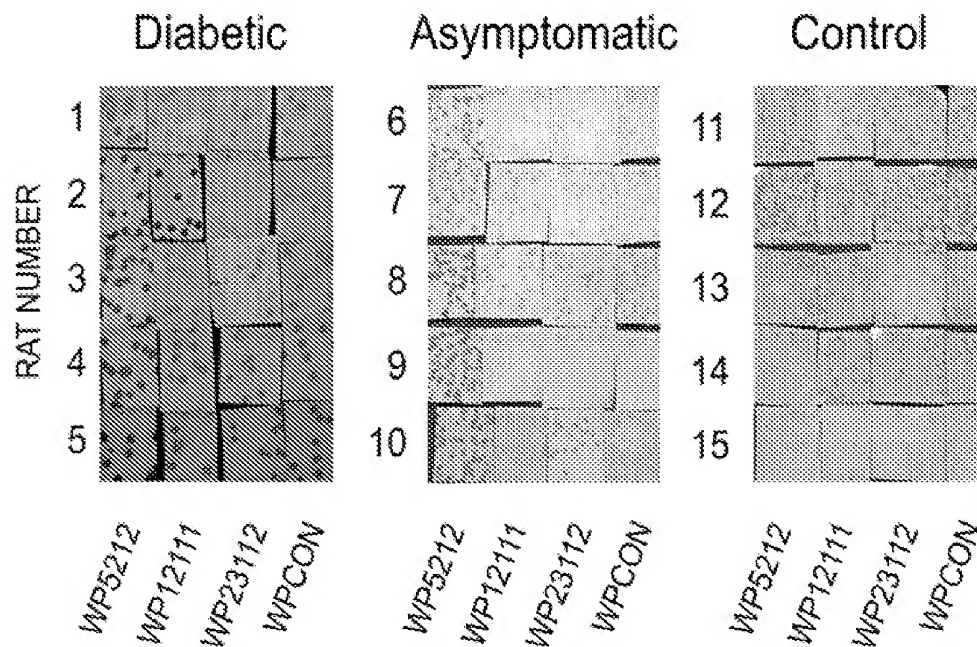


Figure 2A

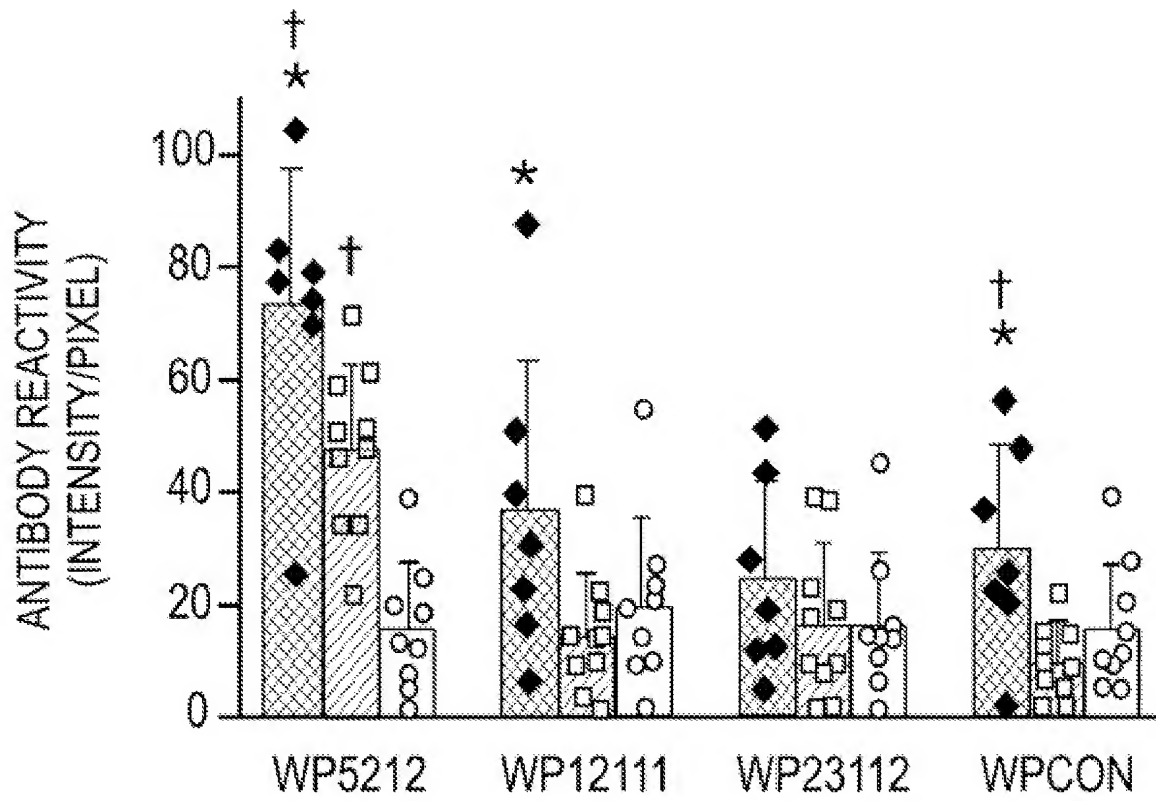


Figure 2B

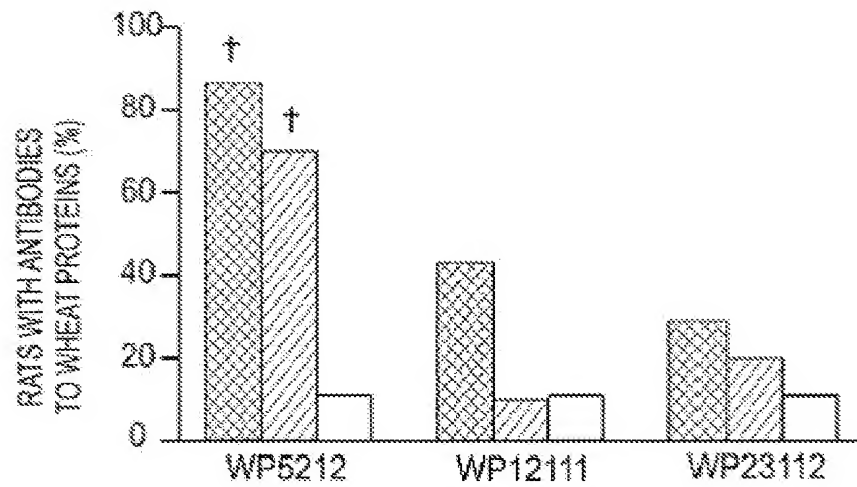


Figure 2C

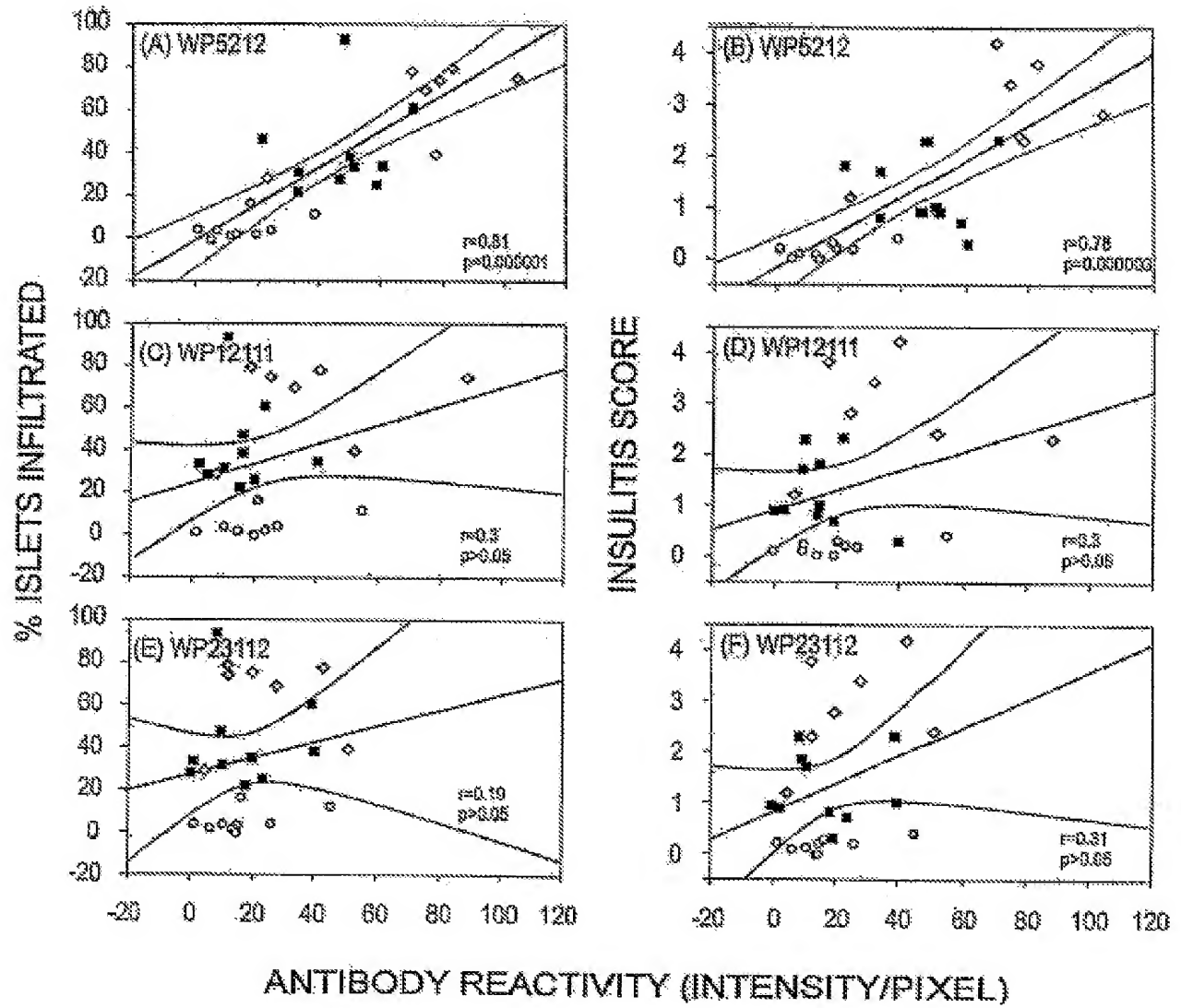


Figure 3

REPLACEMENT SHEET

4/15

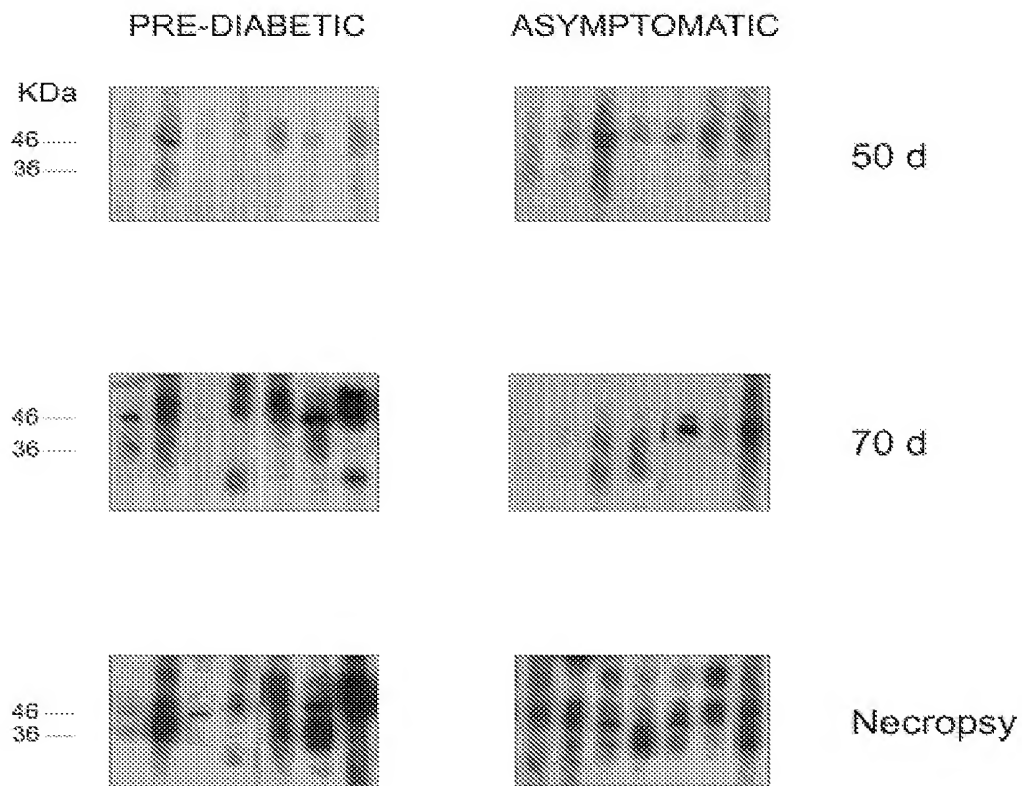


Figure 4A

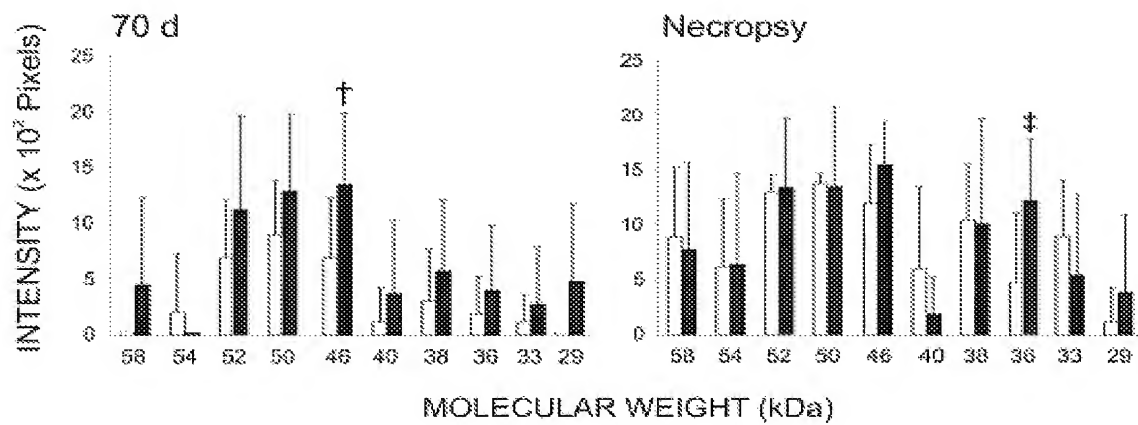


Figure 4B

REPLACEMENT SHEET

5/15

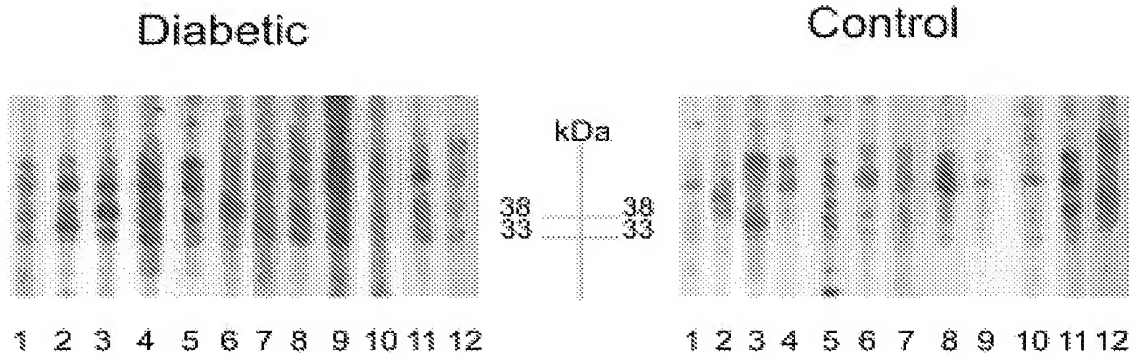


Figure 5A

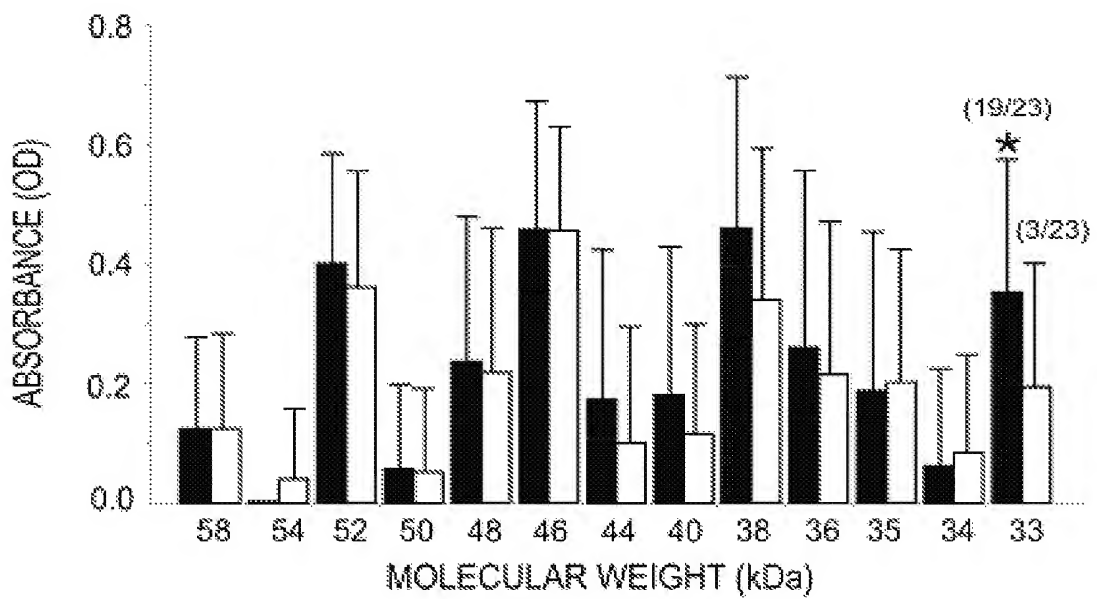


Figure 5B

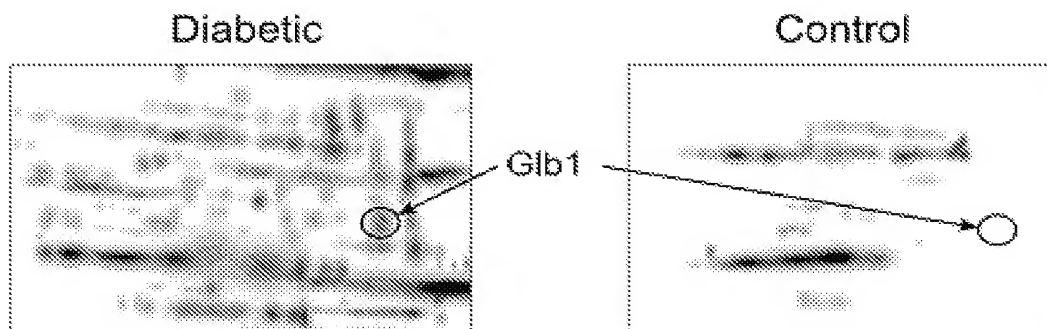


Figure 5C

REPLACEMENT SHEET

6/15

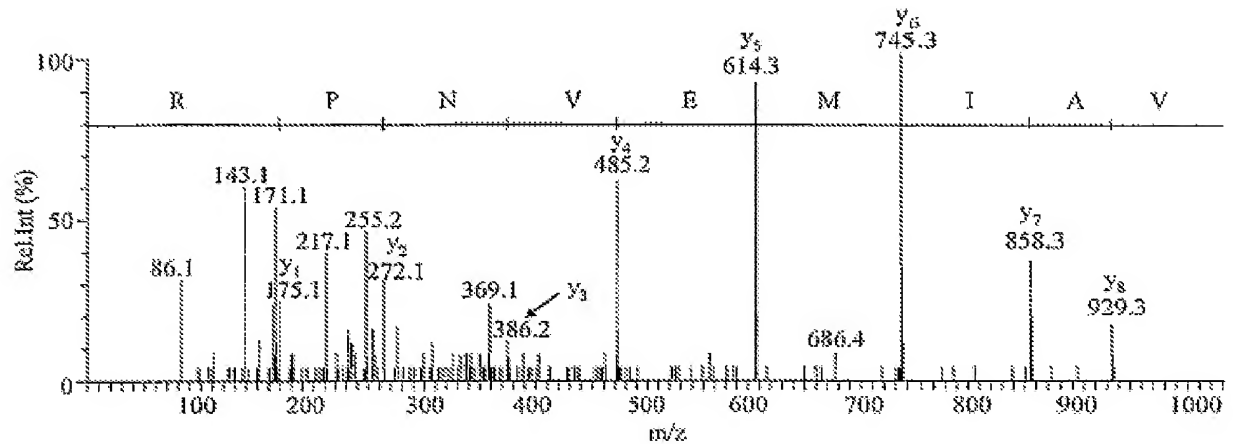


Figure 6A

PANEL B Theoretical and observed tryptic peptides of WSG and WP5212

Theoretical fragmentation ^a of Glb1 (Acc. No. AAA34259)	Theoretical fragmentation ^a of WP5212	Experimental fragmentation
RPYVFGPR VAIMEVNPR AQDQDEGFVAGPEQQSR FQFLSVKPLLASLSK GSESESEEEEEQQR LGSPAQELTFGRPAR DTFNLLEQRPK SFHALANQDVR GGHSLOQCQVR ALRPFQDVSR IIQSDHGFVR HEQEEEOGR GDEAVETFLR EQEQEQER ILHTISVPGK EEEEDDQR EAAEGGQGHGR DDQQQHGR	RPYVFGPR VAIMEVNPR ATIPLLFLLGTSLFAAAVSASHDEEEDR AFVWPGLTDADGVGYVAQGEGVLTVIENGEX VAVANITPGSMTAPYLNTQSFK QGDVIVAPAGSIMHLANTDGR LAVVLEGEGEVEIVCPHLGR GSAFVVPFGHPVVEIASSR DQDQDEGFVAGPEQQQEHER QASEGDQGHVWPLPPFR GSSNLQVCFEINAER LDDPAQELAFGRPAR FQYFSAKPLLASLSK GSGSESEEEEEQDQQR DTFNLLEQRPK SFHALAQHDVR GDEAVEAFLR ALRPFDEVSR ILHTISVPGK GDSSTMATR SEEEEDDR DDQQQHGR HEQEEQGR DEEHGDGR LGSLLGSR LYEADAR	RPYVFGPR VAIMEVNPR

^a Theoretical fragmentation was calculated using the PeptideCutter program (Swiss Prot (2002) website address: <http://us.expasy.org/tools/peptidecutter>, Swiss Institute of Bioinformatics, Epalinges, Switzerland)

Figure 6B

REPLACEMENT SHEET

7/15

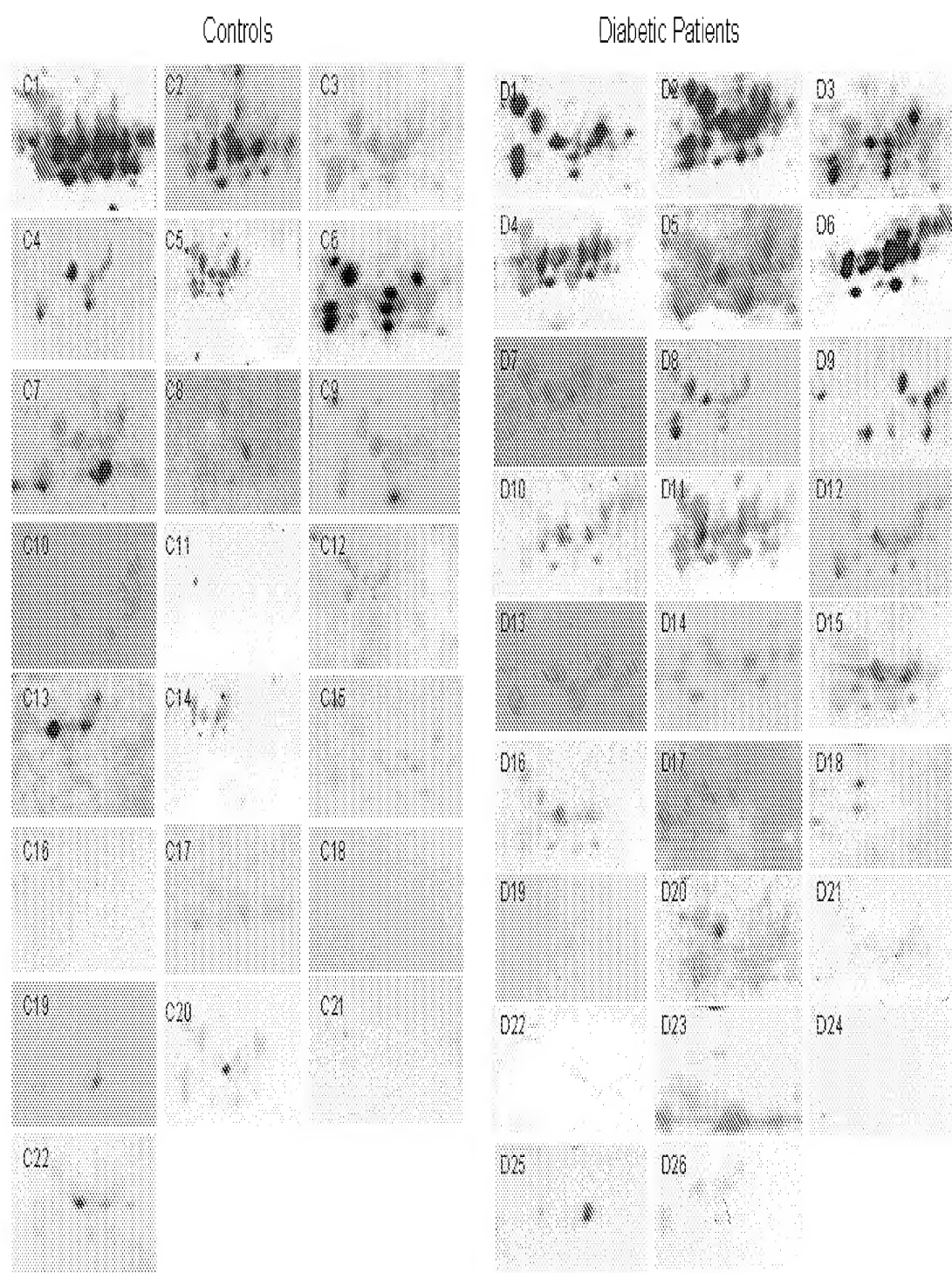


Figure 7

REPLACEMENT SHEET

8/15

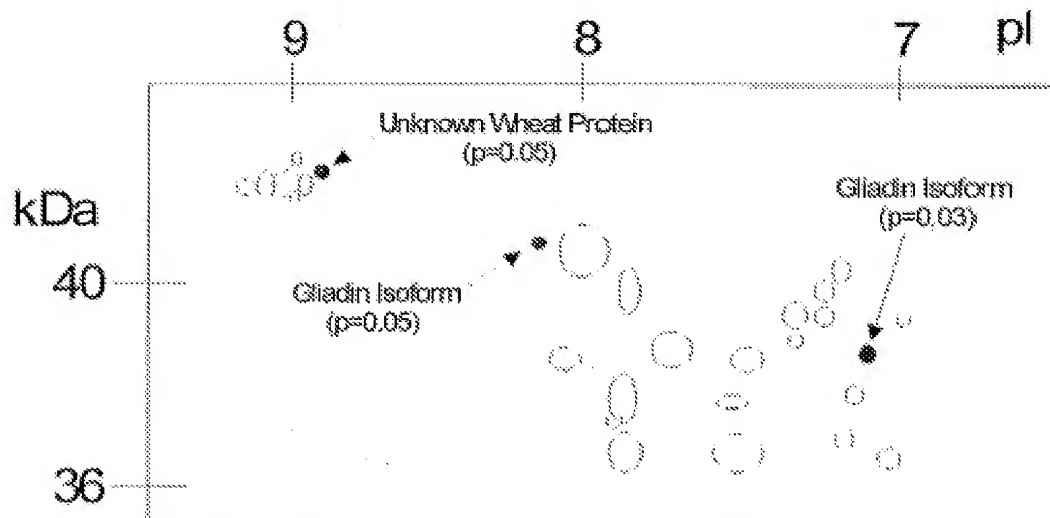


Figure 8

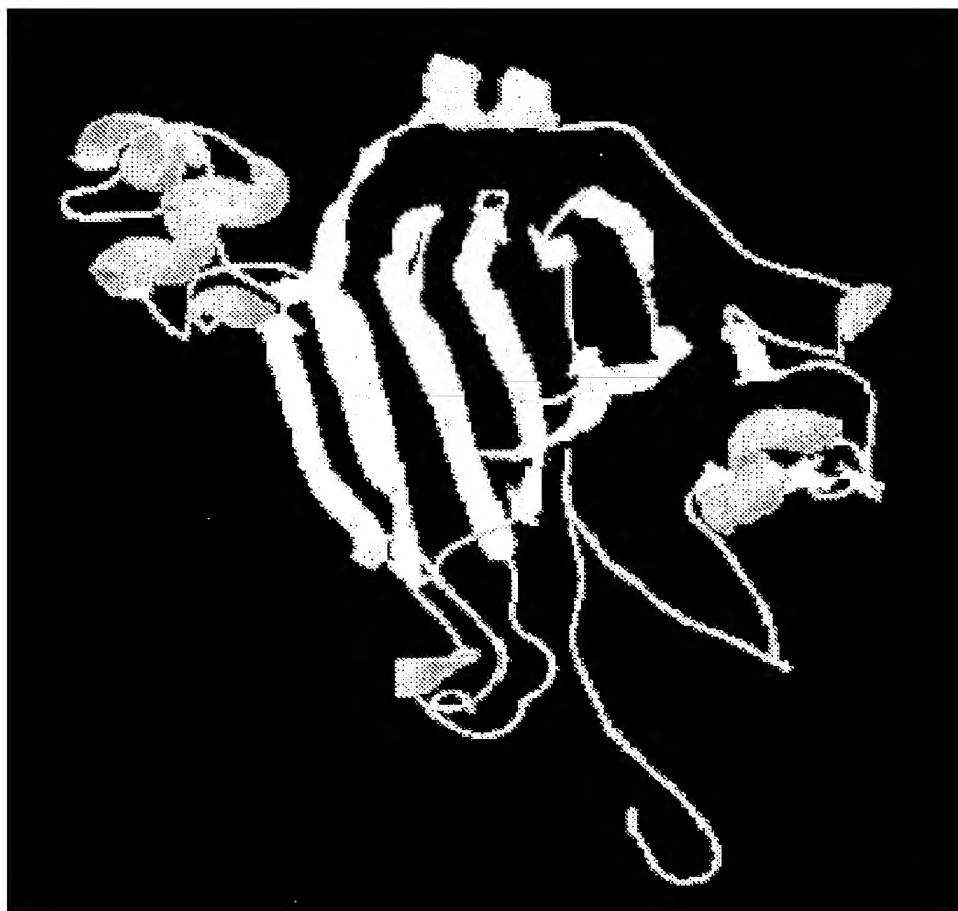


Figure 9



Figure 10

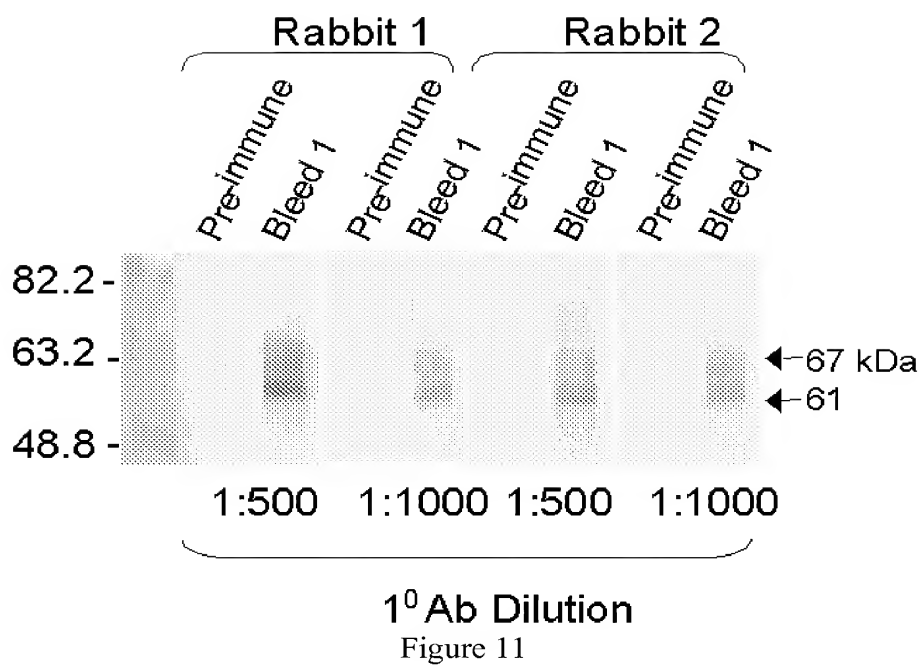
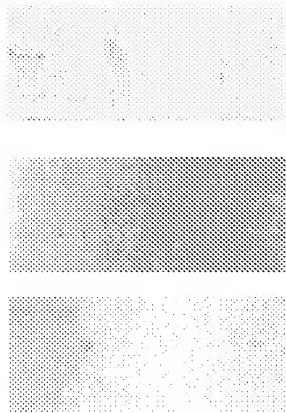


Figure 11

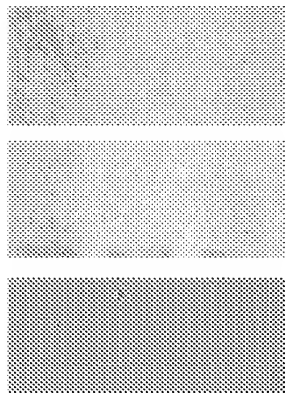
(A) Control

Uninfected
BacPAK6
WP5212

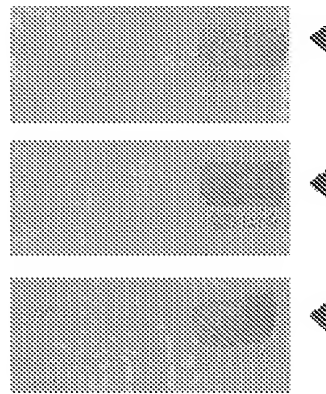


(B) T1D

Uninfected
BacPAK6
WP5212

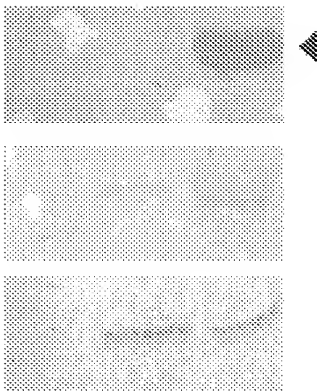


Uninfected
BacPAK6
WP5212



(C) CD

Uninfected
BacPAK6
WP5212



(D) T1D/CD

Uninfected
BacPAK6
WP5212

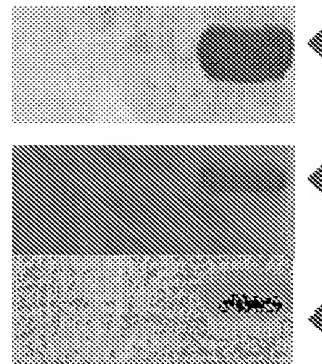


Figure 12A

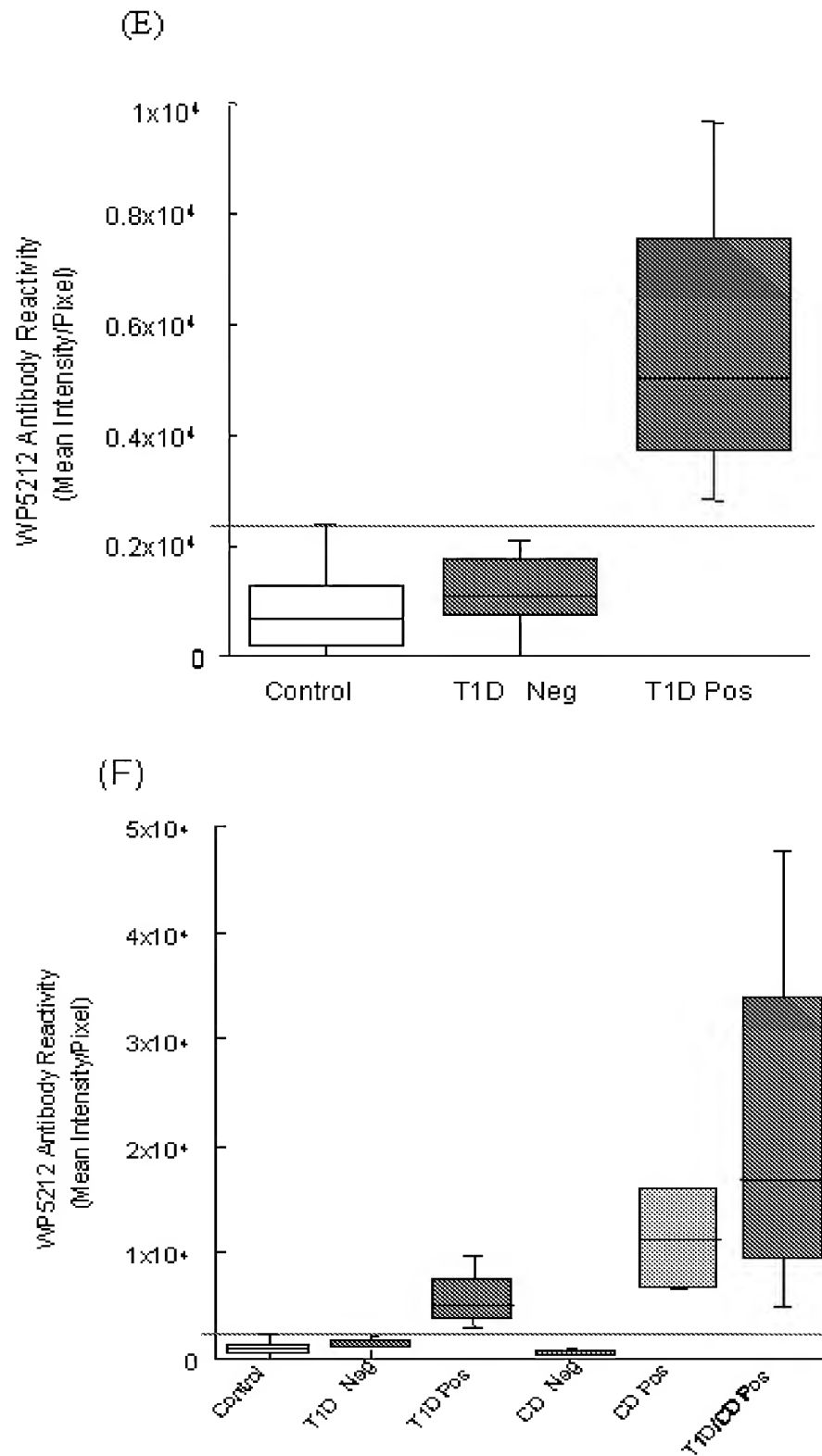


Figure 12B

REPLACEMENT SHEET

12/15

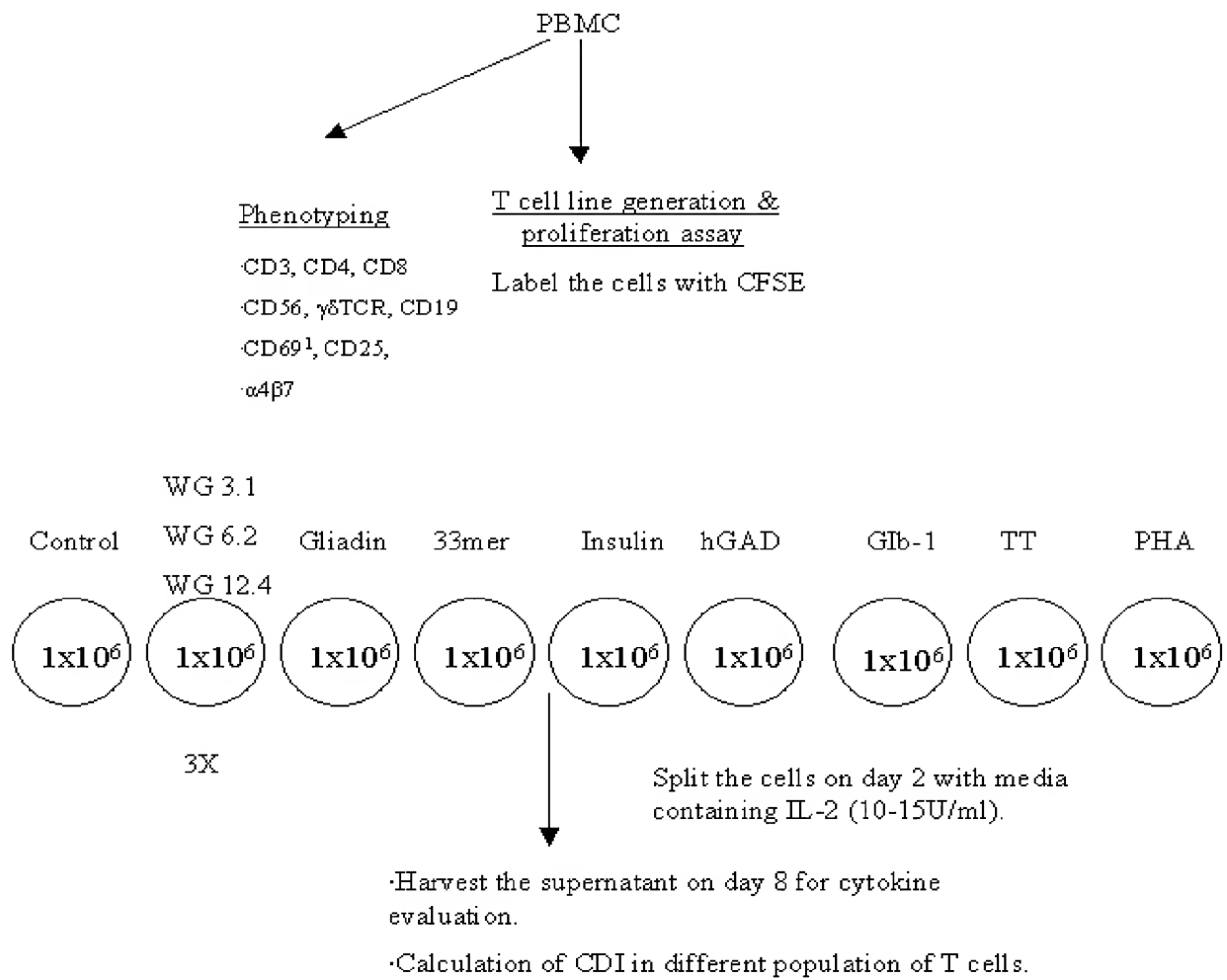
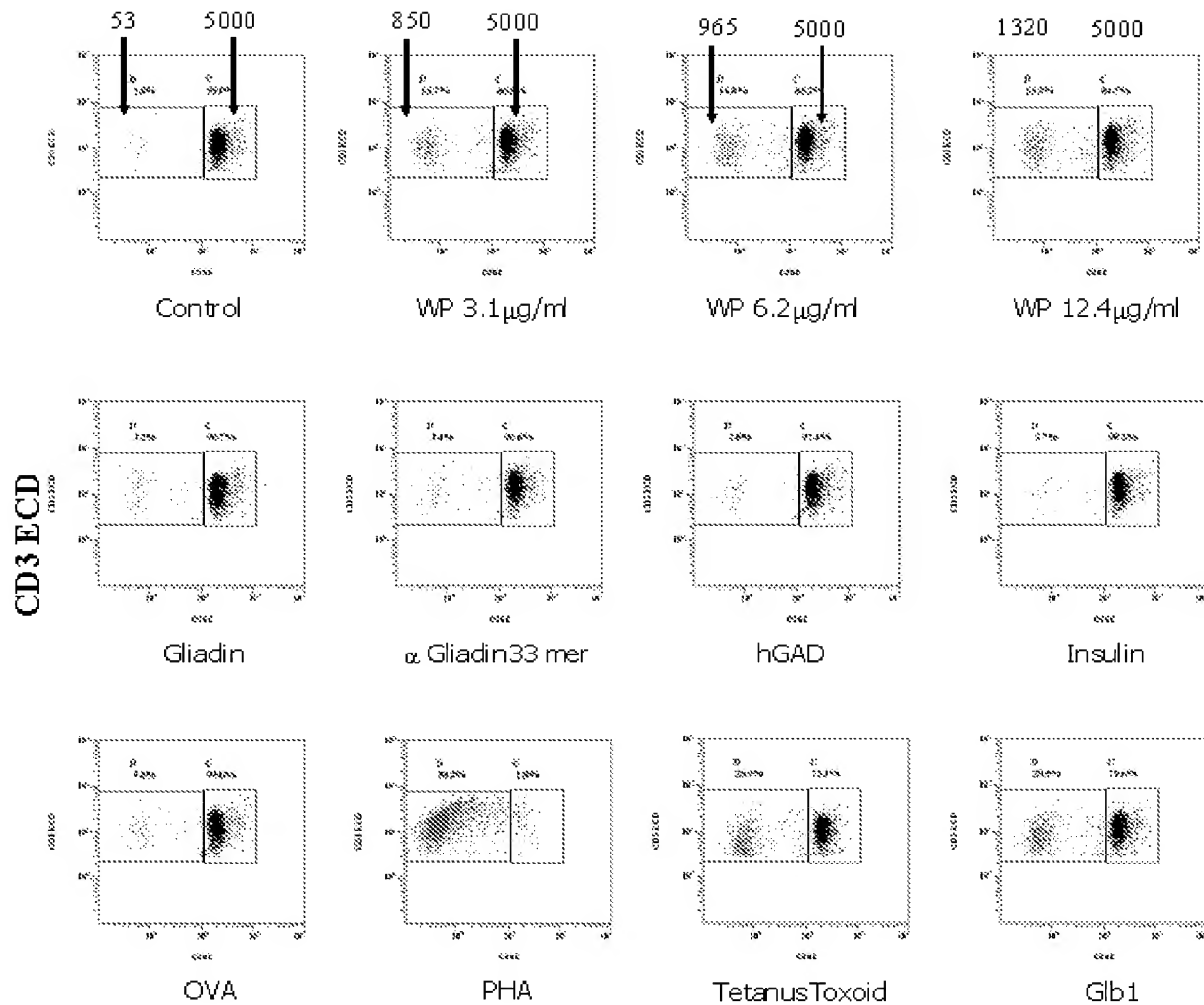


Figure 13

REPLACEMENT SHEET

13/15



CFSE

Figure 14A

$$\text{CDI} : \frac{\text{Number of CD3}^+, \text{CFSE}^{\text{dim}} \text{ cells with antigen}}{\text{Number of CD3}^+, \text{CFSE}^{\text{dim}} \text{ cells without antigen}}$$

Figure 14B

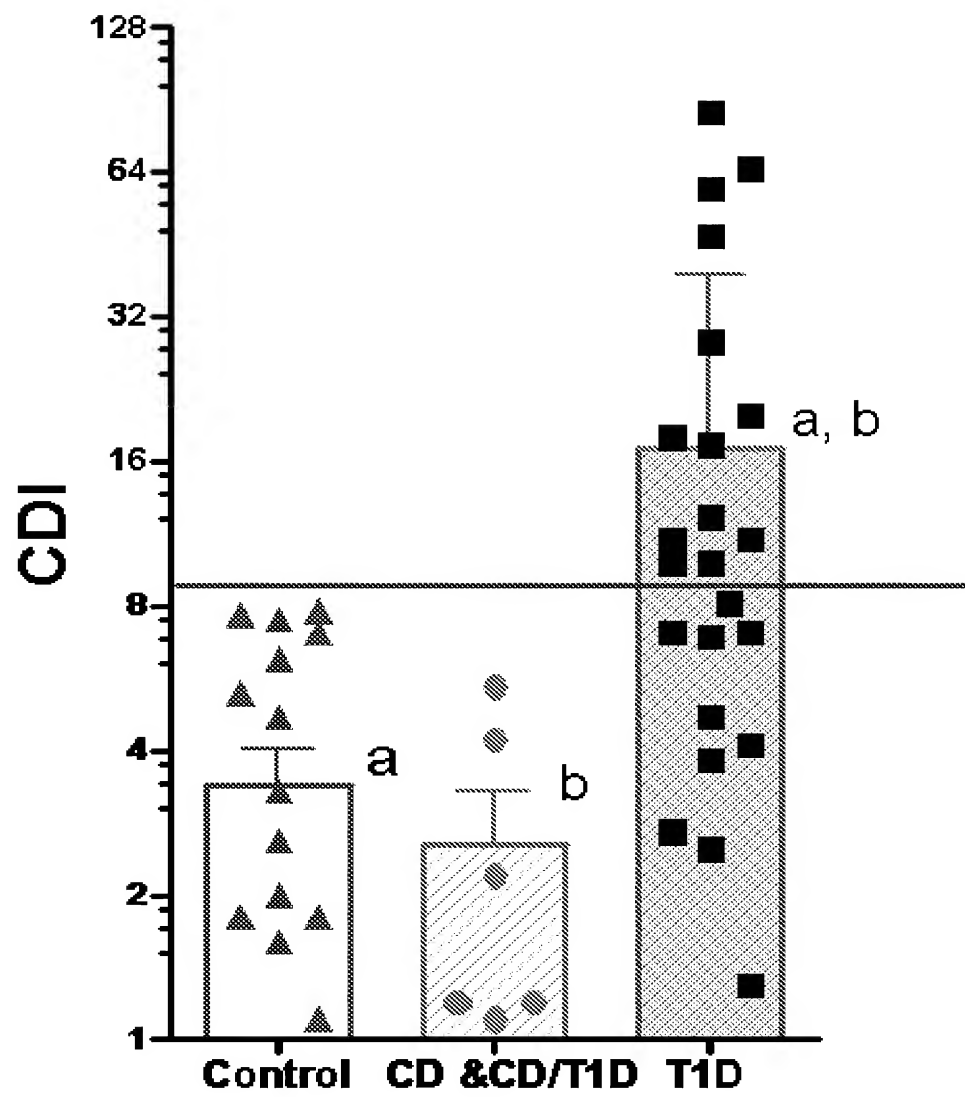


Figure 15

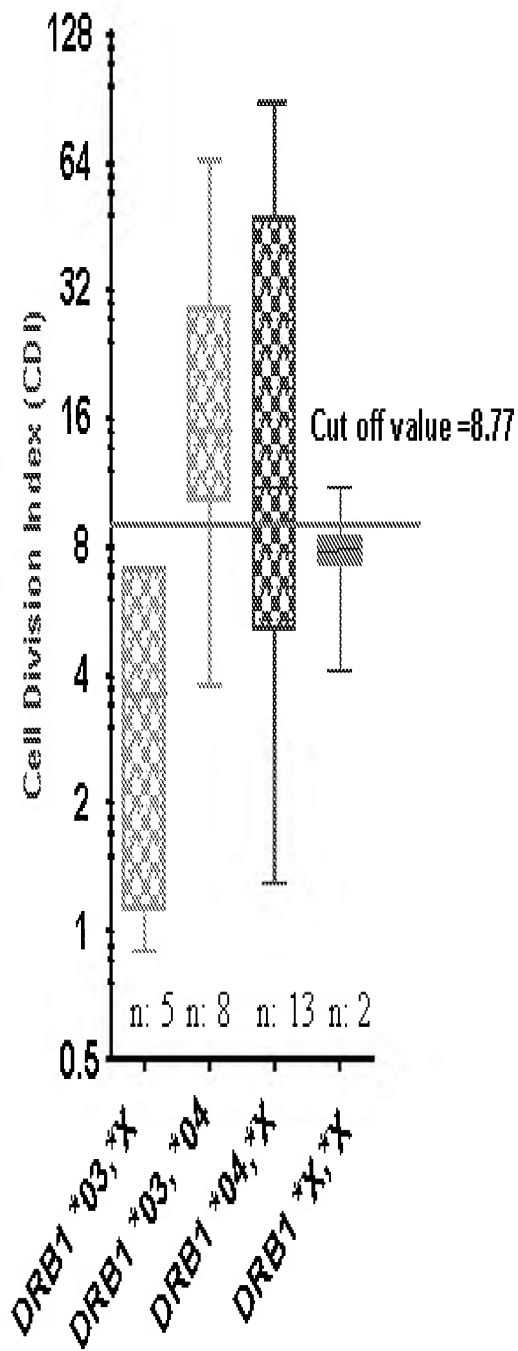


Figure 16A

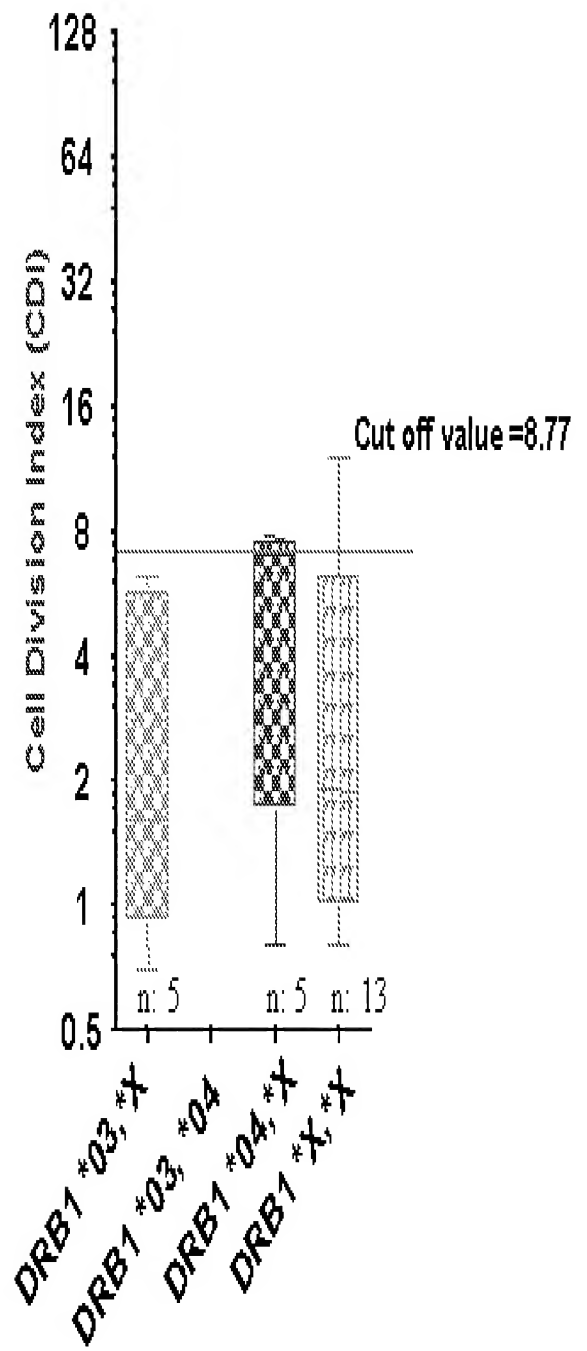


Figure 16B